

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	ATTY. DOCKET NO. 2001DE407	SERIAL NO. 10/085,712
APPLICANT: Frank-Peter LANG, et al.		
FILING DATE: 2/28/02		GROUP:

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date if Appropriate
no	AA	3,128,287	4/7/64	Berg			
no	AB	3,159,581	12/1/64	Diehl			
no	AC	3,213,030	10/19/65	Diehl			
no	AD	3,332,880	7/25/67	Kessler, et al.			
no	AE	3,400,140	9/3/68	Quimby, et al.			
no	AF	3,422,021	1/14/69	Roy			
no	AG	3,422,137	1/14/69	Quimby			
no	AH	3,635,830	1/18/72	Lamberti, et al.			
no	AI	3,936,537	2/3/76	Haskerville, Jr., et al.			
no	AJ	3,985,669	10/12/76	Krummel, et al.			
no	AK	4,374,035	2/15/83	Bossu			
no	AL	4,412,934	11/1/83	Chung, et al.			
no	AM	4,536,314	8/20/85	Hardy, et al.			
no	AN	4,539,130	9/3/85	Thompson, et al.			
no	AO	4,566,984	1/28/86	Bush			
no	AP	4,605,509	8/12/86	Corkill, et al.			
no	AQ	4,606,838	8/19/86	Burns			
no	AR	4,634,551	1/6/87	Burns, et al.			
no	AS	4,653,071	5/5/87	Bush, et al.			
no	AT	4,664,839	5/12/87	Rieck			
no	AU	4,671,891	6/9/87	Hartman			
no	AV	4,681,592	7/21/87	Hardy, et al.			
no	AW	4,681,695	7/21/87	Divo			
no	AX	4,686,063	8/11/87	Burns			
	AY						

EXAMINER	<i>L. M. C. H.</i>	DATE CONSIDERED	<i>4/5/04</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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APPLICANT: Lang, et al.		
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U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date if Appropriate
AD	AA	5,372,747	12/13/94	Uhrig, et al.			
AD	AB	6,008,316	12/28/99	Foster, Jr., et al.			
	AC						

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY		TRANSLATION
AD	BA	EP 0 341 593	11/15/69	Europe	—	See AA Above
	BB					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

CA		
CB		
CC		
CD		
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	APPLICANT: Lang, et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
ND	AA	4,166,845	9/4/79	Hansen, et al.	424	78	
ND	AB	4,634,544	1/6/87	Webex, et al.	252	99	
ND	AC	6,008,316	12/28/99	Foster, Jr., et al.	528	229	
ND	AD	6,025,322	2/15/00	Boeckh, et al.	510	516	

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
ND							
ND	BA	EP 0 341 205	11/8/89	Europe	—	—	English
ND	BB	WO 98/29530	7/8/98	WIPO	—	—	English
ND	BC	EP 0 978 556	2/9/00	Europe	—	—	English
ND	BD	EP 0 979 861	2/16/00	Europe	—	—	English
ND	BE	EP 1 020 513	7/19/00	Europe	—	—	English
ND	BF	WO 00/56848	9/18/00	WIPO	—	—	English
ND	BG	WO 01/59054	8/16/01	WIPO	—	—	English

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

CA	English abstract for JP 04-312502, 11/4/1992
CB	
CC	
CD	
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		DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
AD	BA	1,082,179	9/6/67	Great Britain	—	—	English
AD	BB	0 384 070	8/29/90	Europe	—	—	English
AD	BC	0 462 806	12/27/91	Europe	—	—	English
AD	BD	97/42287	11/13/97	WIPO	—	—	English
AD	BE	0 811 679	12/10/97	Europe	—	—	English
AD	BF	98/12296	3/26/98	WIPO	—	—	English
AD	BG	0 841 391	5/13/98	Europe	—	—	English
AD	BH	0 854 136	7/22/98	Europe	—	—	English
AD	BI	98/38276	9/3/98	WIPO	—	—	English
AD	BJ	01/00767	1/4/01	WIPO	—	—	English
	BK						
	BL						
	BM						
	BN						

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AD	CA	W. Stein, et al., "α-Sulfonated Fatty Acids and Ester: Manufacturing Process, Properties, and Applications", The Journal of the American Oil Chemists Society, 52 (1975), p. 323-329
AD	CB	U.S. application serial no. 10/085,997, filed 2/28/2002, Lang, et al.
	CC	
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